

Converting Colors

HunterLab(51.6220, -0.9032,
-50.0231)

Have a look what the booklet for
HunterLab(51.6220, -0.9032,
-50.0231) contains.

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Color

**HunterLab(51.5180, -0.7275,
-50.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	4290E1
RGB	66, 144, 225
RGB Percent	26%, 56%, 88%
CMY	0.7411, 0.4353, 0.1176
CMYK	0.71, 0.36, 0.00, 0.12
HSL	211°, 73%, 57%
HSV	211°, 71%, 88%
XYZ	25.8107, 26.5410, 74.9968
YIQ	129.9120, -72.4890, 8.6550

Conversions

Conversions Part 2

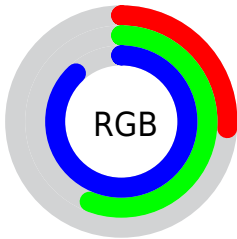
Format	Color
R _{YB}	66, 118, 225
Decimal	4362465
CIE Lab	58.55, 2.46, -48.10
CIE LCh	59, 48.160, 272.931
Yxy	26.5419, 0.2027, 0.2084
Android (android.graphics.Color)	4282552545 (0xFF4290E1)
YUV	129.9120, 46.8784, -56.0508
Hunter-Lab	51.5180, -0.7275, -50.2482

Details

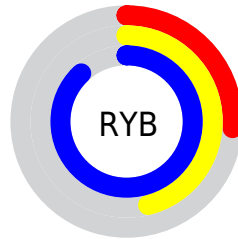
The HunterLab color **51.5180, -0.7275, -50.2482** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **61.0505, 17.3373, 32.9154**, and the grayscale version is **47.0558, -2.5108, 2.5566**.

A 20% lighter version of the original color is **72.0956, -8.8693, -33.5338**, and **32.9697, 2.7465, -47.1381** is the 20% darker color. If you saturate the color by 10%, you get **47.5500, 2.8769, -59.4721**, and if you desaturate by 10%, it is **55.7975, -3.3930, -41.3708**.

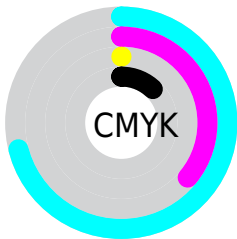
Distribution



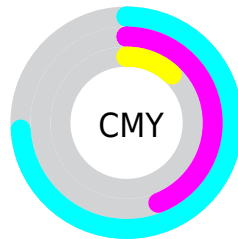
- Red (26%)
- Green (56%)
- Blue (88%)



- Red (26%)
- Yellow (46%)
- Blue (88%)



- Cyan (71%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (74%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5180, -0.7275, -50.2482 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 51.5180, -0.7275, -50.2482 by changing the saturation by 10% instead.

■ 51.5180, -0.7275,
-50.2482

■ 51.5180, -0.7275,
-50.2482

168.9474, -6.0279,
-56.2104

■ 41.5084, -0.3306,
-49.6611

■ 73.5853, -1.6536,
-51.6690

■ 32.2463, 0.0146,
-49.3006

■ 85.5630, -2.1774,
-52.4058

■ 23.7987, 0.3022,
-49.4136

■ 98.1282, -2.7379,
-53.1270

■ 16.2534, 0.5226,
-50.5804

■ 111.2545, -3.3330,
-53.8206

■ 9.7350, 0.6602,
-54.4660

124.9190, -3.9610,
-54.4791

0.0000, NaN, -NF

0.0000, NaN, -NF

139.1011, -4.6204,

-55.0983

0.0000, NaN, -NF

153.7828, -5.3098,
-55.6758

0.0000, NaN, NaN

■ 51.5180, -0.7275,
-50.2482

■ 51.5180, -0.7275,
-50.2482

■ 47.5500, 2.8769,
-59.4721

■ 55.7975, -3.3930,
-41.3708

■ 43.9193, 7.4620,
-68.9719

■ 60.3551, -5.2053,
-32.8784

■ 40.8272, 12.5266,
-78.0717

■ 65.1620, -6.2612,
-24.7727

■ 70.1916, -6.6571,
-17.0359

■ 75.4206, -6.4815,
-9.6391

■ 80.8287, -5.8122,
-2.5482

■ 86.3985, -4.7162,
4.2717

■ 92.1153, -3.2501,
10.8538

■ 96.6025, -6.1860,
15.6972

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.5188, -19.4441, -42.8288



51.5180, -0.7275, -50.2482



51.5188, 20.4013, -39.4776

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.5188, -0.7268, -50.2470



51.5188, 34.5582, 19.2694



51.5188, -33.2846, 17.0813

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.5180, -0.7275, -50.2482



61.0505, 17.3373, 32.9154

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.5188, -22.4231, 25.3493



51.5180, -0.7275, -50.2482



51.5188, 16.3804, 26.2227

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.5188, -0.7268, -50.2470



51.5188, 42.6658, 4.6794



51.5188, -4.7457, 27.9123



51.5188, -36.4193, 0.8560

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.5180, -0.7275, -50.2482



51.5188, 32.5064, -25.2041



51.5188, -4.7457, 27.9123



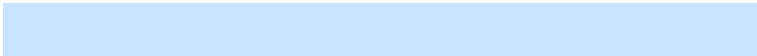
51.5188, -30.5095, 20.6331

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.5188, -0.7268, -50.2470



86.6210, -7.4931, -11.5125



75.5444, -51.1029, 24.4704



39.2910, -3.5172, -6.4078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.5188, -0.7268, -50.2470



52.6857, 5.7783, -73.9012



32.3922, 41.3305, -109.7031



37.8787, -2.6493, -0.7915



31.3654, 8.7595, -58.1132



9.2781, 0.3990, -12.4580

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.8177, 63.0818, -3.4623



49.6926, 81.9352, 0.2978



83.8165, -21.1130, 47.6306



37.1646, 2.1365, 0.9735



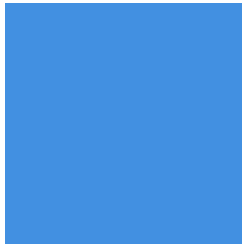
31.4661, 56.0379, 3.6574



8.3926, 15.1468, -0.5787

Previews

White Background



This preview shows how the HunterLab color 51.5180, -0.7275, -50.2482 looks on a white background.

Color Contrast Check

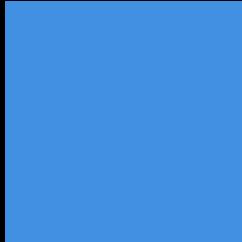
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.5180, -0.7275, -50.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

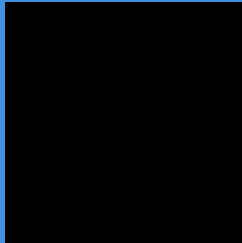
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.5180, -0.7275, -50.2482 Background



This preview shows how black text looks on a background with the HunterLab color 51.5180, -0.7275, -50.2482.



This preview shows how white text looks on a background with the HunterLab color 51.5180, -0.7275, -50.2482.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.5180, -0.7275, -50.2482

Protanopia

51.3038, 8.2026, -45.6934

Deuteranopia

51.3527, 4.7671, -51.3459



Tritanopia

51.2541, -24.2584, -11.6962

Trichromacy



Original Color

51.5180, -0.7275, -50.2482

Protanomaly

51.3384, 4.1925, -47.2940

Deuteranomaly

51.2738, 3.0326, -51.5526

Tritanomaly

50.9917, -17.0236, -24.8562

Monochromacy



Original Color

51.5180, -0.7275, -50.2482

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.1356, -4.4393, -14.2630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5180, -0.7275, -50.2482 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(66, 144, 225)` looks like.

```
.text, #text, p{  
    color:rgb(66, 144, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(66, 144, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 144, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5180, -0.7275, -50.2482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(66, 144, 225) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(66, 144, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(66, 144, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 144, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 144, 225);  
box-shadow:4px 4px 4px 4px rgb(66, 144,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5180, -0.7275, -50.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 144, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(66, 144,  
225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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